

Weekly Report for 2015/11/09-2015/11/15

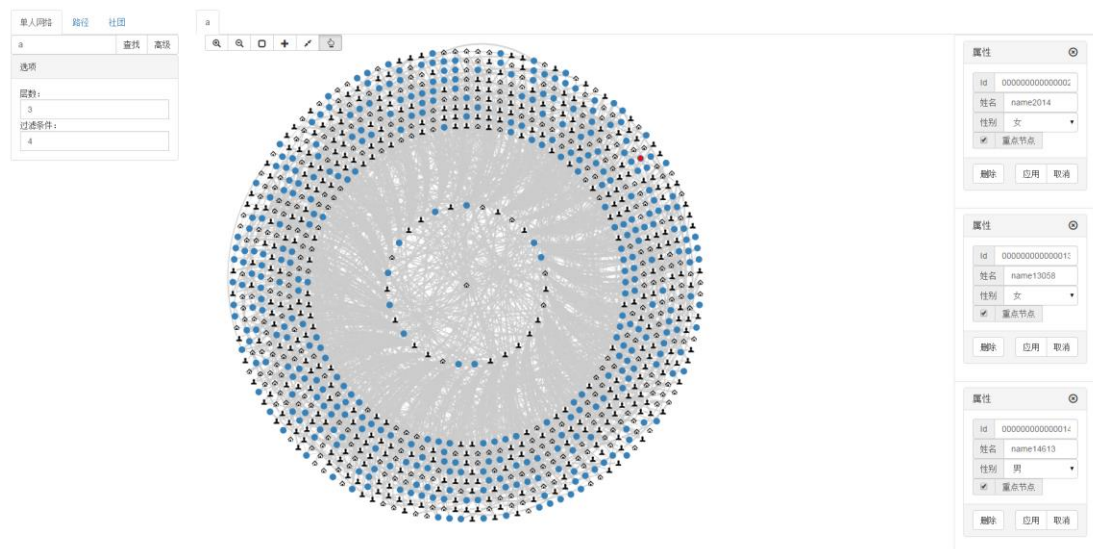
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Progress

1. TCPTree Project

2. Large Graph Visualization

The function of merging nodes is almost done. The user can select multiple nodes in the graph after clicking the button. The selected nodes are shown by list on the right of the view. The merging node button is not added in the list panel.



I also generated the simulated community data. The data format is as following:

```
{boundary:
{nodes:[], edges:[]},
link:{link between communities},
community:[attributes of communities]
}
```

3. Vis 2016 Paper

In *Structural holes and Good Ideas*, the author gave a hypothesis: people who stand near the holes in a social structure are at higher risk of having good ideas. Nodes near structural holes are often nodes that control information and have brokerage

opportunities. The competitiveness of these nodes are higher than other nodes in the social networks.

Plan

1. TCPTree Project

2. Large Graph

Initial layout of community

Finish the ego network visualization

3. Vis 2016 Paper

Refine the idea evaluation ppt

Visualize the structural holes in a small dynamic network